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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/659,307	09/11/2003	Kei Tanaka	117100	3579

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EXAMINER

HUYNH, CONG LAC T

ART UNIT	PAPER NUMBER
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2178

MAIL DATE	DELIVERY MODE
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06/14/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/659,307

Applicant(s)

TANAKA ET AL.

Examiner

Cong-Lac Huynh

Art Unit

2178

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 1/28/04, 2/25/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

1. This action is responsive to communications: the application filed on 9/11/03, and the IDSs filed on 1/28/04 and 2/25/04, foreign priority 3/13/03.
2. Claims 1-7 are pending in the case. Claims 1, 5-7 are independent claims.

Priority

3. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Objections

4. Claim 3 is objected to since the arrangement of the limitations is rather confusing. It is suggested the claim be changed as follows:

A user-data relating apparatus according to claim 1, further comprising:

- an extracting unit for extracting the user data from a read material image data wherein the user data is an item which was annotated in a printed material by the user and the input unit is an image reading apparatus for reading the printed material
- the relating unit for further causing the user data to be related to the position contained in the continuous data in which the material was employed based upon a corresponding relationship between the material related to the extracted data and the material employed while the continuous data is recorded

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Chiu et al. (US 7,051,271, 5/23/06, 5/31/00).

The applied reference has a common assignee with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

Regarding independent claim 6, Chiu discloses:

- accepting the user data added by the user with respect to a material which has been distributed to the user in relation to the material actually used in the continuous data (col 3, lines 44-50, col 4, lines 16-42, col 6, line 39 to col 7, line 9: the annotation performed by the user, is the user data added to the paper handout, which is the material, distributed to the user in the meeting event, used

in the video recorded during the event; performing such annotation on the handout shows that the annotation added by the user is received or accepted)

- causing the user data to be related to a position contained in the continuous data in which the material was employed based upon a corresponding relationship between the material to which the user data has been added and the material employed while the continuous data is recorded (col 7, lines 1-13: the fact that the ink stroke annotation on the handout may be hyperlinked to play their corresponding segment in the video recording implies that the annotation is caused to be related to a position contained in the continuous data via the corresponding segment in the video recording; also in col 5, line 62 to col 6, line 27)

Regarding independent claim 7, Chiu discloses:

- extracting user data which was described by the user with respect to a material distributed to the user by reading an image of a printed material (col 7, lines 1-13, col 6, lines 46-67, col 4, lines 36-42: extracting the user ink stroke annotation from the handout data)
- causing the user data to be related to the continuous data in which the material was employed based upon a corresponding relationship between the material in which the extracted user data has been described and the material employed while the continuous data is recorded (col 7, lines 1-13: linking between the

segment in the video recorded in which the handout was employed, and wherein the handout the extracted user data is described)

Claims 1 and 5 are for an apparatus and a program of the corresponding method claim 1, and are rejected under the same rationale.

Regarding claim 2, which is dependent on claim 1, Chiu discloses specifying both material employed while the continuous data is recorded and the position contained in the continuous data in which the material was employed (col 5, line 62 to col 6, line 15, 46-67: the handout employed in the video recorded in the event and the segment, which means the position of this segment, of the video recorded during the event related to the handout are specified)

Regarding claim 3, which is dependent on claim 1, Chiu discloses:

- extracting the user data from the read material image data (col 7, lines 1-13: extracting the user ink stroke annotation from the handout data)
- causing the user data to be related to the position contained in the continuous data in which the material was employed based upon a corresponding relationship between the material related to the extracted data and the material employed while the continuous data is recorded (col 7, lines 1-13: linking between the segment in the video recorded in which the handout was employed, and wherein the handout the extracted user data is described)

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Regarding claim 4, which is dependent on claim 1, Chiu discloses synchronizing the continuous data with the user data to reproduce both continuous data and the user data synchronized with the continuous data based upon the relating information acquired by the relating information (col 7, lines 1-13, figure 5, col 2, lines 15-59).

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Rangan et al. (US 6,493,872). Lord et al. (US 6,842,190).

Kang (US 2001/0014210). Wilcox et al. (US 2002/0027976).

Chou (US 2003/0124502). Wallace et al. (US 2004/0034869).

Denoue et al. (US 2004/0021685). Kumar et al. (US 2006/0008152).

Kang (US 2006/0140592). Chiu et al. (US 2006/0143567).

Spielberg et al. (US 2006/0143559). Hull et al. (US 2007/0038935).

Costa et al., Annotation as Multiple Perspectives of Video Content, ACM 2002, pages 283-286.

Sastry et al., Webtour: A System to Record and Playback Dynamic Multimedia Annotations on Web Document Content, ACM 1999, pages 175-178.

Hurst et al., A Synchronization Model for Recorded Presentations and its Relevance for Information Retrieval, ACM 1999, pages 333-342.

Chiu et al., LiteMinutes : An Internet-Based System for Multimedia Meeting Minutes, ACM 2001, pages 140-149.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cong-Lac Huynh whose telephone number is 571-272-4125. The examiner can normally be reached on Mon-Thurs (9:00-7:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on 571-272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Cong-Lac Huynh
Primary Examiner
Art Unit 2178
6/7/07